

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP 2004/005864

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> A61K31/36, 47/10, 47/12, 47/14, 47/32, 47/34 (continue to the extra sheet)

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> A61K31/00-31/36, 47/00-47/44, 9/00-9/52, A61P1/00-43/00, C07D407/00-407/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 Japanese Utility Model Gazette 1922-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2004, Japanese Registered Utility Model Gazette 1994-2004, Japanese Gazette Containing the Utility Model 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CAplus (STN), WPI (DIALOG)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99/08675 A1 (MITSUBISHI CHEMICAL CORPORATION) 1999.02.25, example, lines 3-19, page 9, & EP 1010425 A1 & US 6596759 B2 & US 2002/0091152 A1 & EP 1010425 B1	1-12
Y	JP 11-35461 A (MITSUBISHI CHEMICAL CORPORATION) 1999.02.09, example, [0012], [0020], [0021], & EP 884049 A1 & CA 2238065 A & US 6160005 A & EP 884049 B1	1-12
Y	US 5168099 A (MITSUBISHI KASEI CORPORATION) 1992.12.01, examples, line 64, column 3 to line 2, column 4, & JP 3-264528 A & EP 446921 A1 & CA 2038025 A & US 5234948 A & EP 446921 B1	1-12



Further documents are listed in the continuation of Box C.



See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

02.08.2004

Date of mailing of the international search report

24.8.2004

Name and mailing address of the ISA/JP

Japan Patent Office

3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan

Authorized officer

Hidenori ARAKI

Telephone No. +81-3-3581-1101 Ext. 3450

4C

9736

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/005864

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 4-288072 A (MITSUBISHI KASEI CORPORATION) 1992.10.13, examples, [0014] (Family: none)	1-12
Y	JP 5-132416 A (TAKEDA CHEMICAL INDUSTRIES, LTD.) 1993.05.28, claims, examples, [0002]-[0003], [0037], [0054], [0059], [0066], & EP 514008 A1 & CA 2066384 A & EP 514008 B1 & US 5576025 A & US 5731006 A & KR 217165 B1 & JP 2001-354550 A & JP 2001-354593 A & US 6368635 B1 & US 2002/0142041 A1	1-12
Y	JP 7-76517 A (YAMANOUCHI PHARM. CO., LTD.) 1995.03.20, whole document (Family: none)	1-12
A	JP 2001-500150 A (SMITHKLINE BEECHAM PLC) 2001.01.09, & WO 98/10762 A2 & AU 9741288 A & NZ 334268 A & NO 9901194 A & ZA 9708133 A & EP 929301 A2 & CZ 9900832 A3 & BR 97117334 A & CN 1235544 A & HU 9904401 A2 & CN 1446535 A & MX 9902404 A1 & KR 2000036039 A & US 2001/0003588 A1 & US 2002/0031550 A1 & US 6468560 B2 & US 2003/0157169 A1	1-12
A	JP 2-223533 A (TAKEDA CHEMICAL INDUSTRIES, LTD.) 1990.09.05, & EP 368247 A1 & CA 2002363 A & DK 8905553 A & AU 8944437 A & ZA 8908470 A & AU 9338561 A & EP 368247 B1 & US 5399357 A & US 5593690 A	1-12

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/005864

Continuation of "CLASSIFICATION OF SUBJECT MATTER"  
Int.C17 A61K47/38,47/42,47/44,9/14,9/16,9/48,9/52,  
A61P25/22,25/24 // C07D407/12